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v, r, Irwin

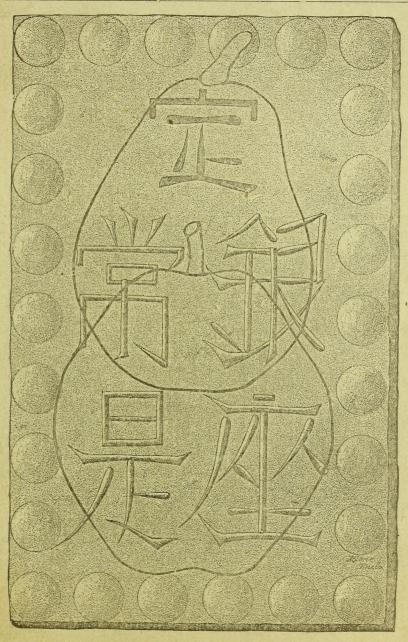
THE PRACTICAL NURSERYMAN.

A TRADE JOURNAL.

Vol. 4.

Huntsville, Ala., October, 1896.

No. 10



To Nurserymen, Florists and Seedsmen.

THE NEW CLIMBING ROSE,

YELLOW RAMBLER (Aglaia).

OTHER ROSE NOVELTIES and a go'd assortment of common kinds. CLEMATIS, ORNAMENTALS, CURRANTS, GOOSEBERRIES, GRAPE VINES, FRUIT TREES, &c.
Send for our Trade List.

JACKSON & PERKINS CO., NEWARK, WAYNE CO., NEW YORK.

Apple Seedlings!

Absolutely Free From Insects or Disease Good Grades. Good Packing.

THEY WILL PLEASE YOU
Address

J. A. GAGE,
FAIRBURY, NEB.

Marianna Plum Stocks

If you want to grow best Japans, use Marianna stocks. We have more of these than all others in America. Also

JAPAN PLUMS

All sizes and varieties. Thousands or car lots.

HALE GEORGIA ORCHARD CO.,

FORT VALLEY, GEORGIA.

850,000 GRAPE VINES

100 Variotios. Also Small Fruits, Trees. & C. Best rooted stock. Genuine, cheap. 2 sample vines mailed for 14cc, Descriptive price list free. LEWIS ROESCH, Fredomia, N. Y.

Packing Moss

We guarantee a first class article of Packing Moss at the very lowest possible figure, and will not be undersold by any responsible person. We can furnish Moss

Baled in Wire or Burlap, or can Furnish it in Car Lots Loose.

Get our prices before placing your order elsewhere.

M. ALLEN & CO.,

VALLEY JUNCTION, WIS.

Send Us Your Name

And mention this paper, and we will send you a sample bundle of 100 of our

Wired Printed Labels.

We have also Plain or Painted Pot Labels for Florists.

Benjamin Chase,

DERRY, N. H.

APPLE SEEDLINGS!

Our stock of APPLE SEEDLINGS is very large and fine. They are entirely free from aphis, and we guarantee the grades to please. We also wish to call attention to our large stock of

Apple Trees, Cherry, Peach, Pear and Plum Trees

This stock is very fine, and cannot help but give satisfaction. Write for prices.

L. R. TAYLOR & SONS.

(692)

TOPEKA, KAN.

WE HAVE A VERY FINE LOT OF

SEEDLINGS

For the Fall and Winter Trade.

Get our Prices Before Placing Your Orders. QUALITY THE HIGHEST

F. W. WATSON TOPEKA, KAN.

(5312)



Just the thing. So say:

GEO. PETERS & CO., TROY, O.
W. F. HEIKES, HUNTSVILLE, ALA.
W. C. BENNETT, SCOTLAND, IND.
TAYLOR, PETERS & SKINNER, N TOPERA, KAN
L. G. BRAGG & CO., KALAMAZOO, MICH.
D. D. HERR, LANCANTER, PA And a host of others ALSO FOR FALL OF 1895 AND SPRING OF 1896

APPLE, PEACH, CHERRY, PEAR, PLUM, Etc.

IN CAR-LOAD LOTS. Stock is of extra quality: is complete in assortment: will be carefully handled and graded to highest standard. Personal inspection and correspondence solicited. Special prices on car-load lots and early orders. Trade list ready September 1st. Good Stock of

Is in season. Special prices.

CAROLINA POPLAR—All sizes from 3 to 18 feet. The finest blocks in the country. Price

Bridgeport, Marion Co., Ind.

SEDGWICK. KANSAS.

OFFERS TO THE WHOLESALE TRADE FOR THE SEASON OF '96 AND '97

100,000 APPLE, 2 and 3 years. 5,000 European and Japanese PLUMS. 100,000 SHADE TREES, large and small. 10,000 DWARF JUNEBERRIES. 5,000 CRANDALL CURRANTS.

All as fine as ever grew. Write for Wholesale Price List. Special quotations on large lots. CORRESPONDENCE SOLICITED. [590]

BUY THE BEST.

WHITNEY'S IMPROVED

Western Tree Digger.

Manufactured by

N. A. WHITNEY.

FRANKLIN GROVE, LEE CO., ILL.

Send for Prices.

ROCKY MOUNTAIN

AND FLOWER SEEDS. TREE

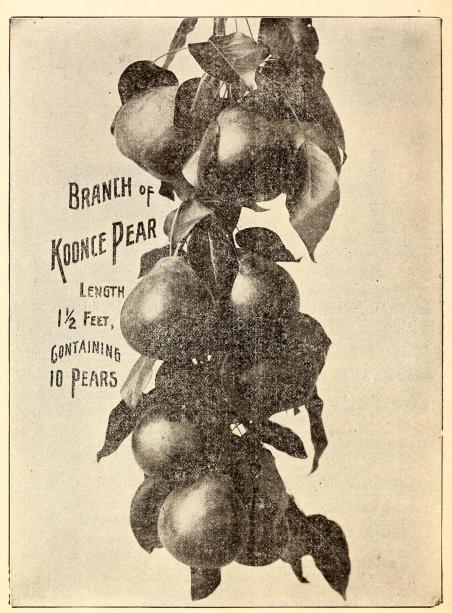
Pungens Douglassi, Englemanii, Concelor, Silver Cedar, A. Coerrullea, E. lobata, Calochurtus, etc.

Also 20,000 choice plants of the Improved Dwarf Rocky Mountain Cherry, at low rates.

> COLORADO NURSERY CO., Loveland, Colorado.

Established 1880

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THE KOONCE PEAR.

THE PRACTICAL NURSERYMAN.

A TRADE JOURNAL.

Vol. 4.

HUNTSVILLE, ALA., OCTOBER, 1896.

No. 10

THE PRACTICAL NURSERYMAN.

PUBLICATION OFFICE:

HUNTSVILLE,

ALABAMA.

W. F. HEIKES, Editor and Manager.

Issued Monthly. Sent only to those in the trade. We do not solicit subscriptions. If you value THE PRACTICAL NURSERYMAN, please accept it with our compliments. Our circulation covers a list of 1,500 selected names of customers and correspondents, made up through many years of active wholesale business. Every name represents a buyer of nursery stock, and name represents a buyer of nursery stock, and this list contains only the names of those who buy at wholesale.

buy at wholesale.

Advertisements 10c. a line agate; \$20.00 a page; one-half page \$10.00; one-fourth page \$5.00. Advertisements must be handed in one week before the day of publication. Advertisements for less than \$5.00 will not be accepted. Discounts: 3 times 5 per cent.; 6 times 10 per cent.; 12 times 25 per cent.

The circulation of this Journal will be confined strictly to Nurserymen, Florists and Seedsmen, and only invited advertisements of articles pertaining specially to these trades will be

pertaining specially to these trades will be inserted.

Apples in Cold Storage.

THE QUESTIONS.

1. When apples are stored in barrels in a good, cool cellar or storage room, should the barrels be headed, or will they keep equally well if the barrels are not headed? 2. Does it make any difference about the keeping of make any difference about the keeping of fruit, whether the barrels are laid down or stand on end?

THE ANSWERS.

1. If the barrels be headed, the apples will keep better, because this prevents evaporation, and makes them less subject to changes of temperature. 2. The position of the barrels will make no difference; I have tried both ways.

H. E. VAN DEMAN.

1. I think that apples, stored in a cellar, should be headed to keep them away from the light as much as possible; but I have my barrels made a little open between the staves around the head, so that air can circulate freely. 2. In regard to setting barrels on end, I cannot see any difference, if the bottom course of barrels be set on strips of boards so that the air can circulate under the barrels. usually lay them down and put boards under the barrels near the ends of the bar-T. B. WILSON.

1. My experience is entirely in favor of heading up barrels of apples, as stored away in the cellar, and thus, as far as possible, excluding the air from them. Some varieties are inclined to shrivel more or less, and will be found to retain their crisp fresh condition far better when thus handled, while all varieties, in my experience, will suffer less shrinkage and be found in better condition if thus cared for up to the time of their maturity. 2. Barrels should in all cases, where circumstances will permit, be stored upon the side, rather than to stand on end.

S. D. WILLARD.

- 1. My practice in keeping apples in a cellar is to leave the barrels without heading, for the pressure necessary to fit them to send to market will bruise some of the apples. The fruit will also shrink so that they will need filling up a little, even though they do not require resorting. So I set the lower tier without heading, and the second tier on top in place of a head, with loose heads laid on the upper tier. 2. It makes no difference, when headed, whether the barrels are laid down or stand on end, in regard to keeping. The apples should be covered in some way to secure an even temperature and to pre-T. S. GOLD. vent shriveling.
- 1. My experience in keeping apples is that they will keep quite as well in a cool cellar or storage room if the barrels are not headed, provided they are not disturbed. If, however, the doors or windows are left open at times, causing sudden changes in the atmosphere, then the barrels should be headed up tight, so that the apples will not feel the change. The evener and lower the temperature can be kept, the better it is for the apples, always keeping it above freezing point, however. If apples are to be kept in a warm atmosphere, or shipped during warm weather, I should prefer to slit the barrels to prevent heating, in the same way that peaches, pears and vegetables are shipped. 2. I can see no advantage in laying the barrels down, unless it be for convenience. My opinion is that more is to be gained by careful picking and handling than by the shape of the package in which they are kept. One rotten apple in a barrel will give all the others the influenza, if it has half a chance.

C. W. SCARFF.

-Rural New Yorker.

The Huntsville Wholesale Nurseries.

JESSIE S. MOSS. PROPRIETOR.

W. F. HEIKES, MANAGER.

REFERENCES: W. R. Rison & Co., Bankers, Huntsville, Ala., and the Mercantile Agencies

ADDRESS ALL CORRESPONDENCE TO W. F. HEIKES, MANAGER,

HUNTSVILLE, ALABAMA.

Fall of 1896 and Spring of 1897.

The publication of this list abrogates previous quotations.

Except where prices are agreed upon, these quotations are subject to change without notice. See Terms and Conditions governing these quotations on another page.

KIEFFER -- Two Years.

Grafted on French Seedlings, Japan Seedlings, or Own Roots, as May be Preferred.

These were very strong, handsome, one year trees, mostly 4 to 5 feet high. They were grown from root-grafts, transplanted at one year old, cut back to the ground and one shoot allowed to grow. They have the appearance of two year buds, and are very fine roots and tops.

	CIPHER.	Per 10	Per 100	Per 1000
Two years	we branched, % and up, 5 to 7 feet	\$1 00	\$ 8 00	\$70 00
44	" 11-16 to ¾, "	1 00	7 50	65 00
66	" 5% to 11-16, 5 to 6 feet	1 00	7 00	55 00
6.6	" 9-16 to %. 4 to 5 feet Gentler	1 00	6 00	50 00
44	branched, ½ to 9-16, " Gender	75	5 00	45 00
66	" 3 to 4 feet	75	5 00	40 00
**	we branched, 1 to 1¼ inch, 5 to 6 feet Gimlet	1 25	10 00	90 00

PEAR TREES--On Pear Roots, Standard, Leading Varieties.

Our Pear Trees for the Fall of 1896 will be unusually well rooted, as they are budded upon transplanted pear stocks.

We can supply any of the following varieties of pears on LeConte stocks without additional cost

	CIPHER.	Per 10	Per 100	Per 1000
Two years, 1 to 11/4 inches, 6 to 8 feet, Extra, well branc	hed Easter	\$1 50	\$10 00	\$90 00
" 3/4 to 1 inch, 5 to 7 feet, No. 1 "	Editor	1 00	9 00	70 00
" 11-16 to 34, 5 to 7 feet, Medium No. 1 "	Eldest	1 00	8 50	65 00
" % to 11-16, 5 to 6 feet, Light No. 1 "	Elicit	1 00	7 00	55 00
" 9-16 to %, 4 to 5 feet, branched	Empire	1 00	6 00	50 00
" 1/2 to 9-16, 4 to 5 feet "		75	5 00	45 00
" 3 to 4 feet, more or less branched	Eurich	75	4 50	40 00
Bartlett Clapp's Favorite		Lawrence	ee	
Beurre d'Anjou Gakovska (Russ.) Garber		LeConte	,	
Buffum Idaho Howell				
Bessemianka (Russ.) Duchess d'Angouleme				

KOONCE-Price: \$37.; \$25.; \$20.; \$16.; \$12.50.; \$10.; \$3 per 100. GOLDEN RUSSET, CANNER'S HYBRID-Price: \$15.; \$13.50.; \$12.50.; \$10.; \$9.50.; \$8.50.; \$7.50 per 100.

PEARS--Standard, One Year Buds.

			CIPHER.	Per 10	Per 100	Per 1000
One year, 5 to 6 feet, 1	ittle if any	branched	1Ficile	\$1 50	\$12 50	\$100 00
" 4 to 5 feet	66	* 6	Famous	1 25	11 50	95 00
" 3 to 4 feet	4.6	66	Farmer	1 25	10 00	75 00
" 2 to 3 feet	66	4.4	Farther	1 00	7 50	60 00
70 11 11		IT-1-12	/ T \ () h	Tofforon		

Canner's Hybrid (Jap.) Garber Early Harvest Golden Russet (Japan) LeConte

The Kieffer and LeConte are root-grafts transplanted at one year old and cut back to the ground at one year after transplanting. They have the appearance of strong one year buds. They are very fine and cannot fail to give satisfaction.

DISTRIBUTING POINTS.—We are making St. Louis, Mo., Cincinnati, Ohio, Rochester N. Y., and Philadelphia, Pa., distributing points; and will deliver free of freight charges to transfer companies, at either of these places, all orders in car lots, or in less than car lots, to be shipped from Huntsville on the dates named below:

For St. Louis-Early shipments from September 20th to October 10th; late

shipments from October 25th to December 10th.

For Cincinnati, Rochester and Philadelphia-November 1st.

The orders will be packed in Huntsville, and those for less than car lots will be combined to make up car lots and shipped to these points and distributed promptly to the various railroads centering there. This plan insures quick time and low freight rates. Orders for less than car lots must be boxed at Huntsville. The price of boxes will be additional.

This offer to deliver to distributing points free of freight charges will not apply to less than car-lot orders, if shipment is required at other than the above named dates; but we will ship car-lot orders at any time after September 20th anywhere desired within the territory tributary to the cities designated, and will deduct from the bill the cost of freight to the nearest distributing point.

Our reasons for charging more for peach trees north of the Ohio River are that we must pay freight to distributing points, whilst our Southern customers pay freight from Huntsville, and that for shipments to Northern points we are usually required to dig early or place in cold storage in Spring, all of which is expensive, and the low prices we quote on peach trees to Southern points cannot bear it. We make no additional charge for other trees for Northern points.

KIEFFER	AND	LeCONTEOne	Year	Cuttings	and	Grafts.
		NOT TRAN				

Rieffer, one year, grafts, 5 to 6 feet, not branched	CTPHER	Per 10 Per 100 Per 1000
LeConte, one year, own roots, 5 to 6 feet, not branched Festal	Kieffer, one year, grafts, 5 to 6 feet, not branched Fasten	\$1 00 \$7 00 \$65 00
LeConte, one year, own roots, 5 to 6 feet, not branched Festal	" 4 to 5 feet " Fathom	
" " " 4 to 5 feet, " Fiddler PAGE. " " " 2 to 3 feet " Fiddler PAGE. " " " PEARSDwarf, Two Years. CIPHER. Per 10 Per 100 Per 1000 Duchess d'Angouleme, 2 years, ¾ to 1 in. 4 to 5 ft, branched. Poppish \$1 00 \$7 00 \$65 (0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	LaConta one year own roots 5 to 6 feet not branched Feetal	
PEARSDwarf, Two Years. CIPHER. CIPHER. Per 10 Per 100 Per 1000 Duchess d'Angouleme, 2 years, 34 to 1 in. 4 to 5 ft, branched. Poppish \$1 00 \$7 00 \$85 (0 " 54 50 44. 3 to 4 it" Fulton 1 00 \$6 00 50 (0 " 54 50 44. 3 to 4 it" Fulton 1 00 \$6 00 50 (0 " 54 50 44. 3 to 4 it" Fulton 1 00 \$6 00 50 (0 " 7-16 to 9-16, 2 to 3 ft" Furnace 50 3 00 25 00 PEARSSpecial Varieties. CIPHER. CIPHER. Per 10 Per 100 Per 1000 One year, 5 to 6 feet, little if any branched. Flinger \$2 50 \$22 00 \$200 00 " 4 to 5 feet" Flinish 2 00 18 00 180 00 180 00 " 2 to 3 feet" " Foggy 1 50 12 00 100 00 Koonce Lincoln Coreless Lincoln APRICOTSOn Plum. CIPHER. Per 10 Per 100 Per 1000 None year, 11-16 and up, 5 to 7 feet, well branched. Umbria \$1 00 \$9 00 \$80 00 \$10 00 \$10 00 \$10 00 \$10 00 \$10 00	4 to 5 feet, " Falter	
PEARSDwarf, Two Years. CIPHER. CIPHER. Per 10 Per 100 Per 1000 Duchess d'Angouleme, 2 years, 34 to 1 in. 4 to 5 ft, branched. Poppish \$1 00 \$7 00 \$85 (0 " 54 50 44. 3 to 4 it" Fulton 1 00 \$6 00 50 (0 " 54 50 44. 3 to 4 it" Fulton 1 00 \$6 00 50 (0 " 54 50 44. 3 to 4 it" Fulton 1 00 \$6 00 50 (0 " 7-16 to 9-16, 2 to 3 ft" Furnace 50 3 00 25 00 PEARSSpecial Varieties. CIPHER. CIPHER. Per 10 Per 100 Per 1000 One year, 5 to 6 feet, little if any branched. Flinger \$2 50 \$22 00 \$200 00 " 4 to 5 feet" Flinish 2 00 18 00 180 00 180 00 " 2 to 3 feet" " Foggy 1 50 12 00 100 00 Koonce Lincoln Coreless Lincoln APRICOTSOn Plum. CIPHER. Per 10 Per 100 Per 1000 None year, 11-16 and up, 5 to 7 feet, well branched. Umbria \$1 00 \$9 00 \$80 00 \$10 00 \$10 00 \$10 00 \$10 00 \$10 00	" 3 to 4 feet " Fiddler	
Duchess d'Angouleme, 2 years, 34 to 1 in. 4 to 5 ft, branched. Poppish \$41 00 \$700 \$65 (0) \$65 (0) \$65 (0) \$60 (0) \$50 (0) \$65	2 to 0 1000	THOE.
Duchess d'Angouleme, 2 years, ¾ to 1 in. 4 to 5 ft, branched Foppish \$1 00 \$7 00 \$65 (0) \$1 00 \$1 0	PEARSDwarf, Two Years.	
" " " " " " " " " " " " " " " " " " "	CIPHER.	Per 10 Per 100 Per 1000
PEARSSpecial Varieties CIPHER Per 10 Per 100 Per 1000	Duchess d'Angouleme, 2 years, 3/4 to 1 in, 4 to 5 ft, branched Foppish	
PEARSSpecial Varieties CIPHER Per 10 Per 100 Per 1000	" % to %, 3 to 4.1t " . Fulton	1 00 6 00 50 00
PEARSSpecial Varieties CIPHER Per 10 Per 100 Per 1000	" 7-16 to 9-16, 2 to 3ft " Furnace	50 3 00 25 00
CIPHER		2000
One year, 5 to 6 feet, little if any branched Flager \$2 50 \$22 00 \$200 00 4 to 5 feet Frinish 2 00 18 00 160 00 4 to 5 feet Frinish 2 00 18 00 160 00		Por 10 Por 100 Por 1000
" 4 to 5 feet " " Finish 2 00 18 00 180 00 180 00 125 00 125 00 125 00 125 00 125 00 125 00 125 00 125 00 125 00 125 00 125 00 125 00 125 00 125 00 125 00 100 00 00 00 00 00 00 00 00 00 00 00		
Cipher C	' 4 to 5 feet ' Finish	
Cipher C	" 3 to 4 feet " " Fizzle	1 75 15 00 125 00
### APRICOTS On Plum. CIPHER. Per 10 Per 100 Per 1000		1 50 12 00 100 00
Cipher		
Harris, one year, 11-16 and up, 5 to 7 feet, well branched Umbria \$1 00 \$9 00 \$80 00 "" 5-8 to 11-16, 4 to 6 feet "" Udder 1 00 8 00 75 00 "" "9-16 to 5-8, 4 to 6 feet "" Under 75 6 00 50 00 "" "½ to 9-16 4 to 5 feet "" Under 75 6 00 50 00 "" 2 to 3 feet "" Ulster 60 5 00 40 00 "" 2 to 3 feet "" Ulster 60 4 50 35 00 "" "" "9-16 to 5/4, 4 to 5 feet, branched Under 60 5 00 40 00 "" 2 to 3 feet "" Ulster 60 4 50 35 00 "" "" "9-16 to 5/4, 4 to 5 feet, branched Tructics 1 00 \$9 00 \$80 00 "" "" "9-16 to 5/4, 4 to 5 feet "" Tructics 1 00 \$9 00 \$80 00 "" "" "9-16 to 5/4, 4 to 5 feet "" Tructics 1 00 8 00 75 00 "" "" "9-16 to 5/4, 2 to 3 feet "" Tructics 1 00 8 00 75 00 "" "" "9-16 to 5/4, 2 to 3 feet "" Tructics 1 00 8 00 75 00 "" "" "9-16 to 5/4, 2 to 3 feet "" Tructics 1 00 8 00 75 00 "" "" "9-16 to 5/4, 2 to 3 feet "" Tructics 1 00 8 00 75 00 "" "" "9-16 to 5/4, 2 to 3 feet "" Tructics 1 00 8 00 75 00 "" "" "9-16 to 5/4, 2 to 3 feet "" Tructics 1 00 8 00 80 0 80 00 "" "" "9-16 to 5/4, 2 to 3 feet "" Tructics 1 00 8 00 80 0 80 00 8	APRICOTS-On Plum.	
" 5-8 to 11-16, 4 to 6 feet "	CIPHER.	Per 10 Per 100 Per 1000
Orange, Meech, two years, % to 11-16.4 to 5 feet, branched. Turtar \$1.00 \$9.00 \$80.00 \$75.00	Harris, one year, 11-16 and up, 5 to 7 feet, well branched Umbria	
Orange, Meech, two years, % to 11-16.4 to 5 feet, branched. Turtar \$1.00 \$9.00 \$80.00 \$75.00	" 5-8 to 11-16, 4 to 6 feet " Udder Udder	
Orange, Meech, two years, % to 11-16.4 to 5 feet, branched. Turtar \$1.00 \$9.00 \$80.00 \$75.00	" '' 1/2 to 9-16 4 to 5 feet	
Orange, Meech, two years, % to 11-16.4 to 5 feet, branched. Turtar \$1.00 \$9.00 \$80.00 \$75.00	" 3 to 4 feet, branched	60 5 00 40 00
CIPHER. Per 10 Per 100 Per 1000 Orange, Meech, two years, % to 11-16. 4 to 5 feet, branched. Tartar \$1.00 \$9.00 \$80.00 75.00 \$0.00 \$1.00 \$	2 to 3 leet Utster	
Orange, Meech, two years, % to 11-16. 4 to 5 feet, branched. Tartar \$1.00 \$9.00 \$80.000 \$1.00	QUINCES.	
" " 9-16 to 56, 4 to 5 feet " Tractics 1 00 8 00 75 00 " 5 00 " 5 00 " 5 00		Per 10 Per 100 Per 1000
" '' '' '' '' '' '' '' '' '' '' '' '' ''	Orange, Meech, two years, % to 11-16. 4 to 5 feet, branched. Tartar	40 00 00
Orange, Meech, one year, 3 to 4 feet, not branched. Teller 100 900 8000	9-10 to %, 4 to 0 feet Tactics	
Orange, Meech, one year, 3 to 4 feet, not branched. Teller 100 900 8000	" " 7-16 to ½, 2 to 3 feet " Taffy	
	Orange, Meech, one year, 3 to 4 feet, not branched. Teller	1 00 9 00 80 00
2 to 3 feet Tableau 1 00 8 00 70 00	2 to 3 feet Tableau	1 00 8 00 70 00
These two-year Quinces were headed back to 18 inches in the Spring, and are uniformly		

These two-year Quinces were headed back to 18 inches in the Spring, and are uniformly branched and handsome.

This is the nurseryman's paradise. There are no injurious insects on nursery stock, no slugs in pears, no aphis in cherries nor peaches, no San Jose scale in anything, There are some borers in the roots of peach trees, but everybody knows how to get them.

We dig each order seperately and not until time to ship. The trees are taken to the packing-house as fast as dug, and boxed immediately. We do not "heel in" anything. Everything is sent out fresh. That is worth a big per centage to the customer who is expecting his trees on time and in good condition to handle again in filling his orders.

PLUM TREES-On Plum, Two Years, Americana Type.

	CIPHER. Per 10	Per 100	Per 1000
Two years, 34 to 36, 5 to 6 feet, well branched	.Hammer \$1 50	\$11 50	\$90 00
" 11-16 to ¾, 5 to 6 feet "	. Happen 1 50	11 00	85 00
" % to 11-16, 5 to 6 feet "		10 00	80 00
" 9-16 to %, 4 to 5 feet "	. Harrow 1 25	9 00	70 00
" ½ to 9-16, 4 to 5 feet "		7 50	60 00
7-16 to ½, 4 to 5 feet "	. Hatter 75	6 00	50 00
" 3 to 4 feet, more or less branched	.Haven 75	5 00	35 00
Wolf Weaver Quaker	Hawkey	е	
DeSoto Forest Garden Illinois Irone	clad Cheney		
Forest Rose			

STODDARD, 25 cents each.

PLUM TREES -- On Plum, Two Years Oriental Varieties.

			Стрн	ER. Per 10	Per 100	Per 1000
Two years, % to 1 in	nch, 5 to 7 feet, wel	l branche	ed	ck \$1 50	\$11 50	\$90 00
" 11-16 to	4,5 to 6 feet	. 6		ry = 1.50	11 00	85 00
" 5% to 11-1	6, 5 to 6 feet	66		ry = 150	10 00	80 00
" 9-16 to %	, 4 to 5 feet	44	Hidde	en 1 25	9 00	70 00
	3, 4 to 5 feet	44	Hidir	ag 1 00	7 50	60 00
Vellow Japan	Berckmans		Pranus Simoni			

PLUM TREES -- On Plum, One Year, Oriental Varieties.

		CIPHER.	Per 10	Per 100	Per 1000
One year, 11-16 to 34, 5 t	o 6 feet, well branched.	Lessen	\$1 25	\$11 50	\$90 00
" 5% to 11-16, 4	to 6 feet "	Letter	1 25	10 00	80 00
" 9-16 to %, 4 to	5 feet "	Liking	1 00	8 00	70 00
" 1/6 to 9-16, 4 to		Limber	1 00	7 00	65 00
" 7-16 to 1/2, 4 to	5 feet, more or less bra		75	6 00	50 00
" 3 to 4 feet	**	Linger	75	4 50	35 00
" 2 to 3 feet	**	Liquor	50	3 50	30 00
Abundance (Botan)	Kerr (Hattonkin No. 2)	Bailey	Kelsey		
Satsuma (Blood)	Ogon	Burbank	Chabot		
Orient	Yellow Japan	Red Nagate	Normand	1	
Willard	Yosobe	Strawberry	Berger		
Berckmans (Sweet Bots	an)	Maru			

WILLARD—A month earlier in ripening than Abundance, earlier than Wild Goose or any of the English Varieties.

Wickson-New.—Sent out by Mr. Burbank last Winter, and considered by him as the finest of all Japanese plums. Price: \$150.; \$135.; \$125.; \$115.; \$100.; \$90.; \$95 per 1000.

RED JUNE-Price: \$125.; \$115.; \$100, \$90.; \$80.; \$70.; \$65 per 1000.

PLUM TREES.-On Plum, One Year, Native Varieties. Chickasaw Tune.

		CIPHER.	Per 10	Per 100	Per 1000
One year,	11-16 and up, 5 to 6 feet, well branched	. Keenly	\$1 25	\$9 00	\$75 00
4.6	% to 11-16, 4 to 6 feet "	. Keeper	1 00	8 00	70 00
66	9-16 to %, 4 to 5 feet "	. Kernal	1 00	7 :0	60 00
64	1/2 to 9-16, 4 to 5 feet "	. Kidnap	75	6 50	50 00
. 66	7-16 to ½, 4 to 5 feet, more or less branched	. Kindle	75	4 00	35 00
44		. Kitten	60	3 50	30 00
Wild Goo	se Mo. Apricot Golden Bea		Pottawa	attamie	
Dohingon		de			

MILTON AND CHARLES DOWNING-Price: \$125.; \$115.; \$100.; \$85.; \$75.; \$70.; \$65 per 1000.

Pennsylvania, July 9, 1896. - "The box of Kieffers which I got of you last Spring were nice trees-the best that ever came to this neighborhood, and of the 250 not one failed to grow; by this time mostly have branches from 2 to 3 feet long. I indeed appreciate your goods"

Kansas, Sept. 12, 1896.—"The trees you sent me the 30th of last September did fine. I had some Standard Pears, Peaches and Cherries left over till Spring, and they grew well."

CHERRY TREES.-Two Years, on Mahaleb.

				CIPHER.	Per 10	Per 100	Per 1000
Morellos ar	d Dukes	s, 2 yrs, 3/4 to 1 in., 5 to 6 to	twell branch	edObject	\$1 00	\$7 00	\$55 00
. 6	9.9	" 11-16 to 3/4, 5 to 6		Oblige	1 00	6 50	50 00
6.6	4.6	" % to 11-16, 4 to 5		Oblong	i 00	5 00	40 00
8.8	6.6	" 9-16 to %, 4 to 5		Octave	75	4 50	35 (0
66	6.6	" ½ to 9-16, 4 to 5 i	. U .		75	4 00	30 (0
66	4.4	72 00 5-10, 4 00 5 1		Office			
		o to 4 It., more (75	3 50	25 00
Hearts and	Bigarre	aus, 2 yrs., 3/4 to %. 5 to	6 ft., well bran	cned. Organ	1 00	7 00	65 00
4.6	4.9	" 11-16 to 3/4, 5	to 6 ft. "	Olďen	1 00	6 50	60 00
6.6	6.6	" % to 11-16, 4		Offset	1 00	5 00	45 CŎ
66 -	6.9	" 9-16 to 5%, 4 t		Oven	75	4 50	35 00
6.6	4.6	66 1/ to 0.16 4 t	o 5 ft. "	Obtuse	75	4 00	30 00
6.0	6.6	72 10 3-10, ± 1					
**	**	3 to 4 ft. mor	e or less branc	hed Oppose	75	3 50	25 00
E1- D:-1-		W	01:		D11- /II	4	
Early Rich		Wragg	Olivet			artarian	
English Mo	orello	Ostheimer	Large I	dontmorency	Manger		
Gov. Wood		Dyehouse		maurie	Early R		
Lutovka (I		Vladimir (Russ.)			Louis II	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	
Lutovka (1	(uss.)	vladimir (Kuss.)	Montm	orency (Ord.)			

PEACH TREES -- On Peach, Leading Varieties.

Our Peach Trees are tudded on seedlings, grown from Tennessee and Alabama pits. They are free from Aphis or Root-Knots, and have fewer borers than those from most nurseries. We can supply beautiful medium and small-sized peach trees this year. The lands upon which our peach trees are grown this year produces a light, well-matured tree, with fine roots. These trees will answer well the purpose of "Jone Buds," and are very much better to transplant, as they will be well matured to the terminal bud, while June Buds are often tender at the tips. The little trees we offer should not confounded with the little culls left after the larger trees have been dug and offered so cheaply by other nurseries. Our peach trees have been grown with especial reference to the Scuthern trade, where small sizes are mostly wanted. The Yellows and Rosette are unknown in this locality, and we have been careful not to bring in any buds from affected localities. any buds from affected localities.

* Ten dollars per 1,000 additional on peach trees going north of the Ohio River.

" 9-16 to 5-8, 4 ' " ½ to 9 16, 3½ " 7-16 to ½ 3 to " 2 to 3 feet, li " 1 to 2 feet	to 6 feet "No. 1. 4 to 5 feet "	Rebate nched Recite Resource Render	\$1 00 1 00 75 60	Per 100 \$6 00 5 00 4 00 3 50 3 00 2 50 6 50	Per 1000 \$40 00 35 00 30 00 25 00 20 00 12 50 50 00
Alexander Amsden Amelia Allbright's October Beer's Smock Blood Cling Bokara Beer's Late Cell of Ga Bhinese Cling Crawford's Early Crawford's Late Columbia Carpenter's Cling Champion	Crosby Chinese Blood Early Rivers Elberta Early Barnard Early Tillotson Ea. Canada Foster F. St. John Family Favorite Globe General Lee Gold Dust Gold Drop Horton's Ea. Rivers	Heath Cling Hynes' Surprise Hale's Early Hill's Chili Jessie Kerr Japan Blood Lemon Cling Lady Ingold Levy's Late Longhurst Mamie Ross Mary's Choice Mountain Rose Old M. Free	Susqueh Salway Stump t Snow's (Sneed Stevense Thurber Tuskens Wager Michiga	s Late Favorite anna he World range on's Rare n Early	l ripe

TRIUMPH AND GREENSBORO—Price: \$100.; \$90.; \$70.; \$60.; \$60.; \$100 per 1,000.

We will begin shipping North for cellaring October 20th, continuing until in December. Northern customers wishing to lay in a supply for pring should correspond with us early.

We wish our customers to keep in mind, when considering prices offered by others, that we hold to our high standard in grading and quality of our stock and that we ship promptly and handle trees in a better manner than any one else in the trade.

Our customers all say that our cherry trees are better rooted and better graded than any that can be had elsewhere.

GRAPE VINES.

These vines are grown for us by one of the most successful growers of grape vines at Fredonia, N. Y. We guarantee them equal to the very best produced in quality and grade.

	ı	rirs	t-class,		t-class,
			year.		years.
Leading Varieties.	_		rshall.		utel.
	Per	100	Per 1000	Per 100	Per 1000
Agawam (Rog. No. 15)	. \$ 1	80	16 00	\$ 2 80	\$ 25 00
Barry (Rog. No. 43)	11	00	100 00	16 00	150 00
Black Eagle	. 8	00	70 00	11 00	100 00
Brilliant	50	00	400 CO	70 00	600 00
Brighton		80	25 00	3 30	30 00
Catawba		50	12 00	2 00	18 00
Champion or Talman		50	11 00	1 80	16 00
Champion or Taiman		00	9 00	1 50	13 00
Concord		50	60 00	9 00	80 60
Cynthiana,		20	20 00	3 00	27 60
Delaware		20	20 00	3 30	30 00
Diamond		20	20 00	3 30	30 00
Dracut Amber		80	25 00	. 4 00	37 00
Duchess		00	35 00	5 50	50 00
Eaton			125 00	20 00	175 00
Early Ohio	. 14	00 80	25 00	4 50	40 00
Early Victor			12 00	2 00	18 00
Elvira		50	20 00	3 30	30 00
Empire State		20			
Geethe (Rogers' No. 1)	. b	5.0	60 00	10 00	90 00
Green Mountain	. 16	10	150 00	20 00	175 00
Hartford		20	20 00	3 30	30 00
Hebermont		00	65 00	10 0u	90 60
Ives		50	12 00	2 00	18 00
Jessica	. 6	50	60 00	10 00	90 00
Lady		50	30 00	5 00	.45 00
Lenoir		00	130 00	24 00	220 00
Lindley (Rog. No. 9)		80	16 00	3 00	25 00
Lutie	. 10	00	90 00	16 00	150 00
Martha		20	20 00	3 30	30 00
Massasoit (Rog. No. 3)		00	27 00	4 50	40 00
Merrimac (Rog. No. 19)		80	25 00	4 00	37 00
Moyer		80	25 00	4 00	37 00
Moore's Early		20	20 00	3 30	30 00
Mo. Reissling		20	20 00	3 50	30 00
Niagara		50	12 00	2 00	17 00
Norton		50	60 00	9 00	80 00
Perkins		50	40 00	6 50	60 00
Pocklington		50	12 00	2 00	18 00
Prentiss		50	50 00	8 00	75 00
Salem		80	16 00	2 8)	25 00
Vergennes	. 2	20	25 00	3 30	30 00
Wilder	. 3	00	25 00	4 00	37 00
Woodruff Red	. 11	00	100 00	16 00	150 00
Worden	. 1	50	12 60	2 00	17 00
Wyoming Red	. 2	20	20 00	3 30	30 00
No. 2 one-year vines, two-thirds the price of No. 1 one-ye	ar.	(M	(arble.)		

Two-year No. 11/2 vines, of most kinds, one-half between price of two-year No. 1 and one-year No. 1. (Madame.)

Grape vines f. o. b. at Fredonia, N. Y.

TRADE DISCOUNTS ON GRAPE VINES .- \$3.00 to \$10.00 worth at 100 rates. \$10 to \$25.00 worth at 1.000 rates. \$25.00 to \$100.00 worth 10 per cent. discount from 1,000 rates. Over \$100.00 worth, send list for Special Prices.

APPLE SEEDLINGS.—Nebraska and Kansas grown. Special prices upon application. MOSS, baled in wire, at Wisconsin points. Special figures.

HEIKES-BILOXI NURSERIES COMPANY PRICE LIST.

Heikes-Biloxi Nurseries Company,

BILOXI, MISSISSIPPI.

Capital Stock, Paid Up, \$20,000.

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MILTON MOSS, Vice-President.

W. F. HEIKES, Secretary, Treasurer and Manager.

MANAGER'S OFFICE.

HUNTSVILLE, ALABAMA.

All Correspondence relating to Trees and Plants should be addressed to W. F. HEIKES, MANAGER, Huntsville, Ala.

STANDARD PEAR TREES -- Two Years.

Kieffer, LeConte, Idaho, ¼ to 1 inch, \$75; 11-16 to ¼, \$70; % to 11-16, \$60, 9-16 to ½, \$50 per 1,000,

STANDARD PEARS -- One Year.

Kieffer, LeConte, Garber, 5 to 6 feet, \$50; 4 to 5 feet, \$40; 3 to 4 feet, \$35 per 1,000.

PLUMS-One Year, on Plum.

Satsuma, Robinson, Pottawattamie, 5 to 6 feet, \$75; 4 to 5 feet, \$50; 3 to 4 feet, \$30 per 1,000.

MULBERRIES .- Very Fine.

New American and Downing, two years, % to 1 inch, \$100; % to 34, \$80; 9-16 to 5-8, \$75 per 1,000. Hicks'. 2 years, same price.

Hicks' Mulberries, one year, 6 to 8 feet, \$60; 5 to 6 feet, \$50; 4 to 5 feet, \$45 per 1,000.

New American and Downing, one year, 6 to 8 feet, \$8); 5 to 6 feet, \$75; 4 to 5 feet, \$60 per 1,000.

Assorted, one year, 4 to 5 feet, \$3.50 per 100; 3 to 4 feet, \$8.00 per 100; 2 to 3 feet, \$7.00 per 100.

PECANS--Budded and Grafted. -- Stuart and Russell, 4 to 5 ft. \$1.25 each; \$10 per 10.

We have decided to make a grade of Roses called No. 1½. This grade will be made up of plants just under No. 1, such as do not have the required number of branches or slightly under weight and height. This grade will do to fill agents' select orders where heavy grades are not weight and height. This grade will do to fill agents' select orders where heavy grades are not required, and makes a very nice grade for potting off to sell in spring as blooming plants. Price 30 per cent. off the price of No. 1.

ROSES-One Year. Own Roots, 2 to 4 Feet.

Hybrid Perpetuals, No. 1 Altred Colombe Baron Prevost Baron de Bonstetten Caroline de Sansal Coquette des Alps Columbia Coquette des Blanches	Fisher Holmes Francois Levet Gen. Jacqueminot John Hopper Jules Margottin Joasine Hanet	L. Efant du Mt. Car Marshall P. Wilder Magna Charta Paul Neyron Ulrich Bruner Vick's Caprice	10 Per 100 875 \$6 00 mel	Per 1600. \$ 50 00
Bourbons and Hybrid Teas, Hermosa	No. 1		75 6 00	50 00
Climbing Teas, No. 1	La France	1	75 1 5 00	125 00
Marechal Niel, (Grafts) Mosses Blanche Moreau Blanche Robert Comptesse de Murinais	Henry Martin Capt. John Ingram	Luxemburg Mad. Alboni	75 6 00	50 00
Climbing Roses	Queen of the Prairie	Savan Sietare	3 50	30 00
Climbing Roses		Wm. Allen Richards	75 6 00 on	50 00
Madame Plantier. Harrison's Yellow. Crimson Rambler.				30 no 60 00

E VARIETIES FOR TRANSPLANTING AT ONE-HALF THE PRICE OF NO. 1. The top of No. 2 plants will be cut back to 2 or 3 inches, as they are only intended for transplanting. Grown from cuttings. Price of boxes or bales to be added. Delivered at depot at Biloxi. Orders sent in by Northern customers for Spring delivery, we will pay freight to St. Louis, and hold in cold storage there until wanted. The No. 1 plants will have three or more branches and will be cut back to 24 to 30 inches. The roots are very fine.

Terms and conditions governing above quotations are the same as those given by the Huntsville Wholesale Nurseries.

5

Terms and Conditions Governing Quotations in the Price List of the Huntsville Wholesale Nurseries.

RATES.—As we send this list to the trade only, KATES.—As we send this list to the trade only, we make the difference in prices between the 10, 100 and 1000 rates very slight—simply sufficient, as a rule, to cover the difference in the expense of handling in the smaller numbers. We uniformly tie in bunches of 10, when consistent with the order, and we suggest to our customers to make their orders for varieties in multiples of 10 as far as practicable. Orders for 50 and not over 300 trees, if for not less than 10 of a variety will be charged at the rate per hundred. variety, will be charged at the rate per hundred. Orders requiring 300 trees or more, and not less than 10 of a variety, will be filled at the lowest quoted prices. Orders for less than 10 trees of one variety, will be charged at the rate per ten.

SEASON.—Our packing and shipping season begins by the 20th of September, and continues until about the first of March.

We have great advantages to offer here in early shipments for the North in Spring. We do not accept orders for trees we do not grow, as we never buyt rees to sell again. You can depend upon us for fresh dug trees. Each order is taken up separately, and not until it is wanted for shipment.

SHIPPING DIRECTIONS.—We respectfully beg our patrons to furnish us with explicit directions as to shipping, and the mode of conveyance by which they desire trees forwarded. When no particular directions are given, we forward according to the best of our judgment. But in no case do we assume any responsibility as to safe activery and condition of Trees and Plants after a proper shipment by us.

RELEASE.—When prepayment of freight is not required, we will Release and Guarantee, and take forwarder's receipt and mail to consignee. take forwarder's receipt and mail to consignee. It is left to the option of the shipper of trees over some railroads, whether he will release them or not under the clause "Value less than \$5.00 per 100 lbs." If released under this clause, the freight is less on roads governed by this classification, and we will assume it to be proper classification, and we will assume it to be proper to make this release, without reference to the value of the trees, unless instructed to the con-trary. This clause does not apply upon roads under some of the district classifications, and because of this confusion we will not be held responsible for any oversight to release, unless instructed by our customers. Claims for delay or loss must be made to the forwarders.

PACKAGES.—The cost of package must be added to the prices quoted in this list, as follows: Boxes 30 inches square, from 7% to 9 feet long, as the trees may require, each \$2.50; boxes 24 inches, \$2.00; boxes 18 inches, \$1.50; bales from 25c. to 75c. each.

Packing.-Goods will be packed in moss, and especial care taken to insure their arrival in the best condition.

Assortments.-We do not require customers ASSORTMENTS.—We do not require customers to take an assortment they do not wish, but will sell one variety alone if desired. If any substitution can be allowed, either in grade or variety, it should be so stated when making the order. As a rule we do not substitute without permission.

-We accept all orders upon the con-CAUTION. dition that they shall be void, should any injury befall the trees from frost, hail, storm, fire, or other causes over which we have no control

TERMS.—Cash. When desired, we will allow 30 to 60 days from date of shipment, to responsible.

prompt-paying customers. Parties with whom we have had no business transactions, will save we have had no business transactions, will save time by sending reference, with order. We wish it expressly understood that payment is expected from the first collections made, and the time named is only intended as so many days of grace in which to make returns. To posthorn engrousers, who wish televia steady or there customers, who wish tolay in stock for Spring trade, we will ship late in Fall or early in Spring, and allow time for payment till May 15th. If shipment is required in the Fall for Spring use, a note is to be given upon receipt of the trees. We do not allow any discount for cash, but we make our prices low to command cash, or prompt returns. In orders command cash, or prompt returns. In orders when the time is not mentioned, 30 days is to be understood. Interest at the rate of 8 per cent per annum must be paid on over due accounts. Should prices be changed, either higher or lower, during the season, the prices ruling at the time the order is made, are expected to

FORMS OF PAYMENT.—All bills are payable at the office of the seller, and remittances should be made by drafts on New York, Chicago or St. Louis, or by money orders on some Express Company, or by postal orders. We will, however, accept checks from those of our customers

ever accept checks from those of our customers who may be located at places having no banking, express or postal facilities, provided they make them in every case payable "with exchange", or add ¼ of one cent, to the amount of the bill for the cost of collection.

GRADES.—We grade very carefully, in some cases by caliper, in others by height. When graded by both caliper and height, the caliper must govern, as the height then named is only to be considered approximately. When graded by height or caliper, we include the lower number and exclude the higher. Instance: in a grade of 4 to 5 feet trees, the 4 feet trees are included, but not the 5 feet trees. If 5 feet trees are wanted, the 5 to 6 feet trade must be ordered. are wanted, the 5 to 6 feet grade must be ordered.

GUARANTEE OF GENUINENESS.—While we exercise the greatest diligence and care to have all our Trees, etc., true to label, and hold ourselves in readiness, on proper proof, to replace all trees, etc., that may prove untrue to label, free of charge, or refund the amount paid, it is mutually understood and agreed to, between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees, etc., that shall prove untrue.

ACCEPTANCE.—Notice should be sent us by telegraph, at our expense, if there is any cause of complaint, or should the trees be refused, stating reasons. Claims for deduction, from whatever cause, will receive consideration only when made promptly upon the receipt of the trees. If trees show any signs of shrivelling upon arrival, they show any signs of shrivelling upon arrival, they can usually be restored by being thoroughly watered and buried entirely under the ground for two or three days. Should there be any frost in the trees upon arrival, they should not be removed from the box until the frost is all out. The box should be placed in the cellar or protected in some other way. The presence of frost in the boxes is not to be considered an evidence of bad condition, as we pack to secure the trees against damage, if the frost is allowed to come out in the natural way. Goods will be considered accepted if removed from the boxes in which they are packed, withfrom the boxes in which they are packed, without notice of complaint to us and without our orders for their disposition

E. MOODY & SONS,

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APPLE SEEDLINGS! Grown on new land and absolutely free from Aphis. SHADE TREES, Large and Small.
OSAGE PLANTS and ROCKY MOUNTAIN DWARF CHERRY.

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APPLE TREES, good assortment, strong on York Imperia, Rome Beauty, Kinnard's, Hesley, Blacktwig, Loy, Gano, Aiken's,

PEAR, Kieffer and Garber; Dwarf, Duchess.

PLUM, largely Japanese.

CHERRY, leading kinds.

PECANS, Magnolia, Grandiflora, Norway Spruce, Junipers and Shrubs.

Write for prices.

G. H. MILLER & SON.

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ROME, GA.

NURSERYMEN'S CALIPER-- SIZE.



This is the most practical Caliper in use for grading trees. It is made of steel brass, 'handsomely nickel plat'd. It answers also as a rule, its length is exactly six inches and its width two inches. Price 50 cents each; \$2.50 for six; \$5.00 per dozen, postpaid. For sale by dealers in Nurserymen's requisites, or orders may be sent direct to

W. F. HEIKES, Manager,

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THE SPINELESS GOOSEBERRIES.

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193 Greenwich Street, NEW YORK.

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200,000 ROSES.

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Offer for sale a large stock of field-grown Roses on their own roots. See their page advertisement in this number of the PRACTICAL NURSERYMAN.

CAPITAL NURSERIES.

Apple Seedling.

Fine stock, carefully graded. Sure to give

Pear Seedling, Osage Seedling, Russian Mulberry Seedling.

Apple Trees, Peach, Cherry, Plum and Keiffer Pear. A choice lot of Bechtel's Double Flowering Crab. Write us for prices.

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NORTH TOPEKA, KANSAS.

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At OTTAWA, KAS., offers the following for Fall of 1896: 100,000 CONCORD GRAPES, 1 year, No. 1. 15,000 IVES SEEDLING, 1 year, No. 1. Also a general assortment of Currants, Gooseberries, Raspberries, Blackberrles and Strawberries, Also a choice general assortment of nursery stock. Correspondence and orders solicited.

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I herewith call your attention to the Hardy Smilax (Smilax Lanceolata) as a desirable plant to make a run on this year. I offer one year plants now, two year plants next Fall.

For Fall delivery I solicit orders for June buds of Peach and Plum; dormant buds of Peach, Plum, Dwarf Pear and Roses on Manettii; Magnolias; one and two year Roses; Shrubbery, one and two year; Angers' Quince and Manettii.

Correspondence invited.

John Fraser, Prop,

HUNTSVILLE, ALABAMA.

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ed stock. Genuine, cheap. 2 sample currants mailed for 10c. Desc. price list free. LEWIS ROESCH, Fredonia, N. Y.

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Plum on Plum (Native varieties)

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SPECIALTIES:

Raspberries, Transplants, of all the leading Blackberries, Root Cuttings, of all the leading

Currants, one and two year, of all the leading

Gooseberries, two years, of all the leading kines.

Introducer of the Pearl, the most prolific Gooseberry known. I have the largest block of Current and Gooseberry of any Nurseryman in the United States.

If you have not received my Wholesale Catalogue, send for it. Ready August .st.

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